

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027391**Date Inspected:** 27-Mar-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Pier 7 Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. Components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

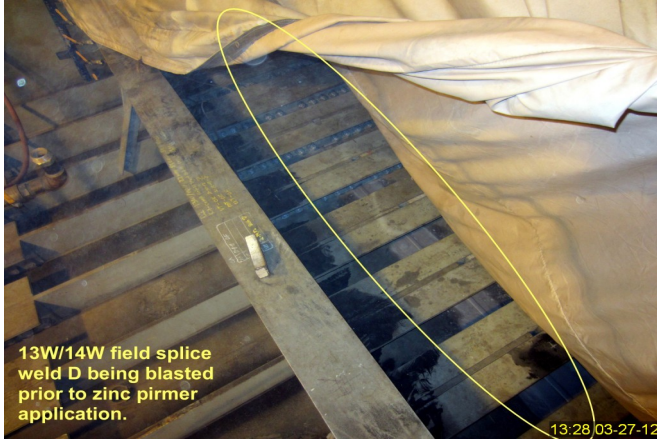
The QAI made random observations of the painting crews from Certified Coatings Company Inc. The QAI noted that there is inclement weather and all workers are inside of the OBG deck span. The QAI noted that 1 crew is blasting and preparing to apply zinc primer to the field splice 13W/14W, inside of the central compartment. The QAI noted that 1 other crew is doing touch up (repairs) of shop applied zinc primers. The QAI was informed that the touch up crew was inside of the wing on 2W but the QAI was not able to locate the workers.

The QAI noted that the environmental conditions were within the contract requirements inside of the OBG. At the time of observation, the QAI did not observe any zinc priming, only abrasive blasting / cleaning. The QAI was informed that the zinc primer will be put on during this shift. See the attached photo.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI also reviewed submittal 1536 Revision 106 and generated a TL-20 report. The QAI continued reviewing informal welding report packages 105, 106 and 107. This work was in progress at the end of the shift.

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Summary of Conversations:

The QAI relayed the status of the document reviews and painting / priming work to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy, (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
